

FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>Y3-17</b>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
				unassigned <b>10/516872</b>	
INTERNATIONAL APPLICATION NO. PCT/DE03/01835		INTERNATIONAL FILING DATE 04 JUNE 2003		PRIORITY DATE CLAIMED 04 JUNE 2002	
TITLE OF INVENTION <b>LINER</b>					
APPLICANT(S) FOR DO/EO/US <b>KURTH, Mr. Christoph</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> is attached hereto.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 20px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>UNSIGNED VERSION ONLY</b></p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <b>As noted on the Transmittal Letter</b></p>					

U.S. APPLICATION NO. (if known) <b>10/516872</b> <b>750.00</b>				INTERNATIONAL APPLICATION NO. <b>PCT/DE03/01835</b>		ATTORNEY'S DOCKET NUMBER <b>Y3-17</b>	
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<b>21. <input checked="" type="checkbox"/> The following fees are submitted:</b> <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>			
				\$	1,110.00		
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	1 - 20 =	0	x \$18.00	\$	0.00		
Independent claims	1 - 3 =	1	x \$86.00	\$	00.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$	0.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,240.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	620.00		
<b>SUBTOTAL =</b>				\$	620.00		
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	130.00		
<b>TOTAL NATIONAL FEE =</b>				\$	750.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				\$	0.00		
<b>TOTAL FEES ENCLOSED =</b>				\$	750.00		
				Amount to be refunded:	\$		
				charged:	\$		

a. ☒ A check in the amount of \$ 750.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 50-2920. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)  
 or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**CUSTOMER NO. 39648**  
**Andrew F. Young, P.C.**  
**115 Orchid St.**  
**Floral Park, NY 11001-3225**

  
 SIGNATURE  
**Andrew F. Young**  
 NAME  
44,001  
 REGISTRATION NUMBER

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

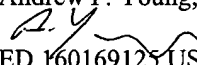
Applicant : KURTH, Christoph  
Serial No. : To be assigned  
Filed : Herewith  
For : LINER  
Examiner : Unassigned  
Art Unit : Unassigned  
Our ref. No. : Y3-17  
Customer No. : 39648

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CERTIFICATE OF EXPRESS MAIL

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I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, in an envelope addressed to: Hon. Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on:

Date : December 3, 2004  
By : Andrew F. Young, Esq.  
Signature :   
Customer Receipt No.: ED 160169125 US

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NATIONAL PHASE APPLICATION FILING SHEET

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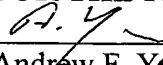
Mail Stop: PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a new National-Phase Utility Application for immediate filing. The following items are enclosed:

1. 35 U.S.C § 371 Patent Application Transmittal Sheet – PTO-1390 – signed
2. Fee: \$ 750.00 , Check No. 1299 (Application is a SMALL ENTITY).
3. Declaration, Oath, and Power of Attorney (unsigned) (2 pages).
4. Application Data Sheet under 37 C.F.R. §1.76 - signed (2 pages).
5. Preliminary Amendment - signed (4 pages).
6. Complete copy of WO 03/101351 A2 (PCT/DE03/01834) application, including cover page, seven-page specification, 12 claims, and 1 sheets of drawings.
7. Information Disclosure Statement - signed (2 pages).
8. PTO-1449 listing six (6) references, six references (one translated abstract) enclosed.
9. Authorization to charge deposit account 50-2920 for additional fees.
10. Certificate of Express Mailing - above.
11. Confirmation Return Receipt Postcard.

Respectfully submitted,  
**FOR THE FIRM**

  
\_\_\_\_\_  
Andrew F. Young  
Reg. No. 44,001

Andrew F. Young, P.C.  
115 Orchid St.  
Floral Park, NY 11001  
516-775-0068

Date: December 3, 2004

Enclosures: (as listed)